

International Energy Outlook 2005  
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**World Installed Electricity Generation Capacity by Fuel in Three Nuclear Capacity Cases, 2002-2025**  
(Gigawatts)

Analysis Case and Fuel Type	2002	Projections				Average Annual Percent Change, 2002-2025
		2010	2015	2020	2025	
IEO2005 Reference Case						
Natural Gas and Oil . . . . .	1,207	1,851	2,071	2,304	2,560	3.3
Coal . . . . .	987	1,151	1,232	1,322	1,403	1.5
Nuclear . . . . .	361	390	401	411	422	0.7
Renewable . . . . .	763	927	980	1,036	1,110	1.6
Total . . . . .	3,318	4,319	4,684	5,073	5,495	2.2
Strong Nuclear Power Revival Case						
Natural Gas and Oil . . . . .	1,207	1,849	2,041	2,254	2,464	3.2
Coal . . . . .	987	1,153	1,232	1,320	1,397	1.5
Nuclear . . . . .	361	395	449	498	570	2.0
Renewable . . . . .	763	928	970	1,020	1,078	1.5
Total . . . . .	3,318	4,326	4,692	5,092	5,509	2.2
Weak Nuclear Power Case						
Natural Gas and Oil . . . . .	1,207	1,865	2,087	2,342	2,626	3.4
Coal . . . . .	987	1,160	1,245	1,339	1,426	1.6
Nuclear . . . . .	361	360	357	340	297	-0.8
Renewable . . . . .	763	934	987	1,050	1,127	1.7
Total . . . . .	3,318	4,318	4,677	5,071	5,476	2.2

Sources: **2002:** Derived from Energy Information Administration (EIA), *International Energy Annual 2002*, DOE/EIA-0219(2002) (Washington, DC, March 2004), web site [www.eia.doe.gov/iea/](http://www.eia.doe.gov/iea/). **Projections:** EIA, System for the Analysis of Global Energy Markets (2005).

<sup>b</sup>For the purposes of this analysis, U.S. nuclear capacities were not varied across the nuclear cases. While EIA recognizes that there is potential for increases or decreases in U.S. nuclear power capacity in the future, no analysis has been done to quantify that potential. As a result, U.S. numbers are held constant to levels reported in the *Annual Energy Outlook 2005*.